



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Ye Wang et al. : Attorney Docket No.: 944-001.047

Serial No.: 09/854,1435 : Art Unit: 2654

Filed: May 11, 2001 : Examiner: A. Armstrong

For: **METHOD AND SYSTEM FOR INTER-CHANNEL SIGNAL REDUNDANCY
REMOVAL IN PERCEPTUAL AUDIO CODING**

RECEIVED

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

MAY 28 2003

Technology Center 2600

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION (Paper No.8)

Sir:

In response to the Non-Final Office Action, mailed February 26, 2003, please amend the patent application as follows:

In the Claims

Please amend claims 9 and 11 as follows:

B' 9. (Amended) A method of coding audio signals in a sound system having a plurality of sound channels for providing M sets of audio signals from input signals, wherein M is a positive integer greater than 2, and wherein a plurality of intra-channel signal redundancy removal devices are used to reduce the audio signals for providing first signals indicative of the reduced audio signals, said method comprising the steps of:

converting the first signals to audio data of integers for providing second signals indicative of the audio data; and

reducing inter-channel signal redundancy in the second signals for providing third signals indicative of the reduced second signals, wherein the second signals are divided into a plurality of scale factor bands and the third signals are divided into a plurality of corresponding scale factor bands, said method further comprising the step of comparing coding efficiency in the second signals to coding efficiency in the third signals in corresponding scale factor bands, for bypassing the reducing step if the coding efficiency in the third signals is smaller than the coding efficiency in the second signals.